

FIG. 1a

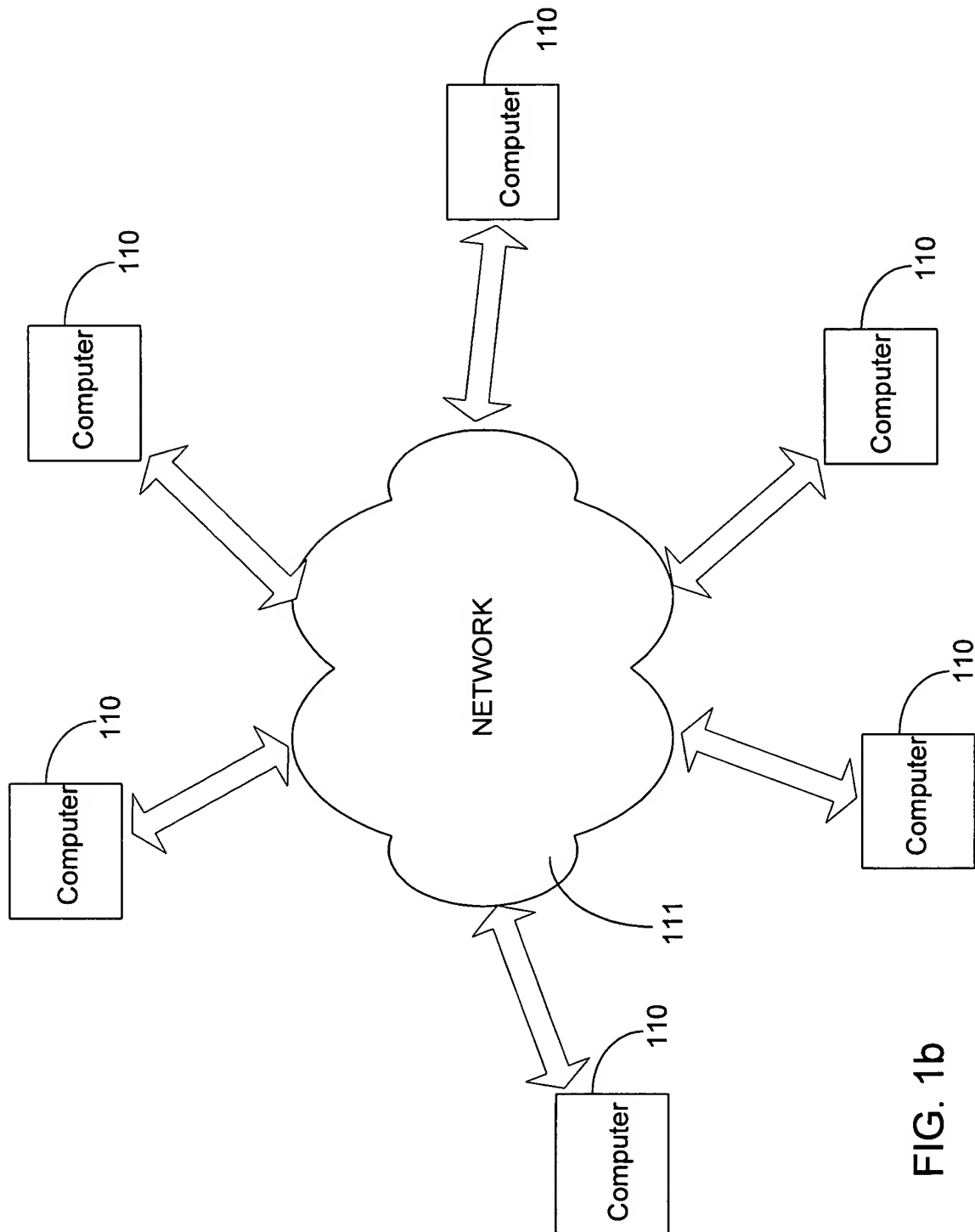
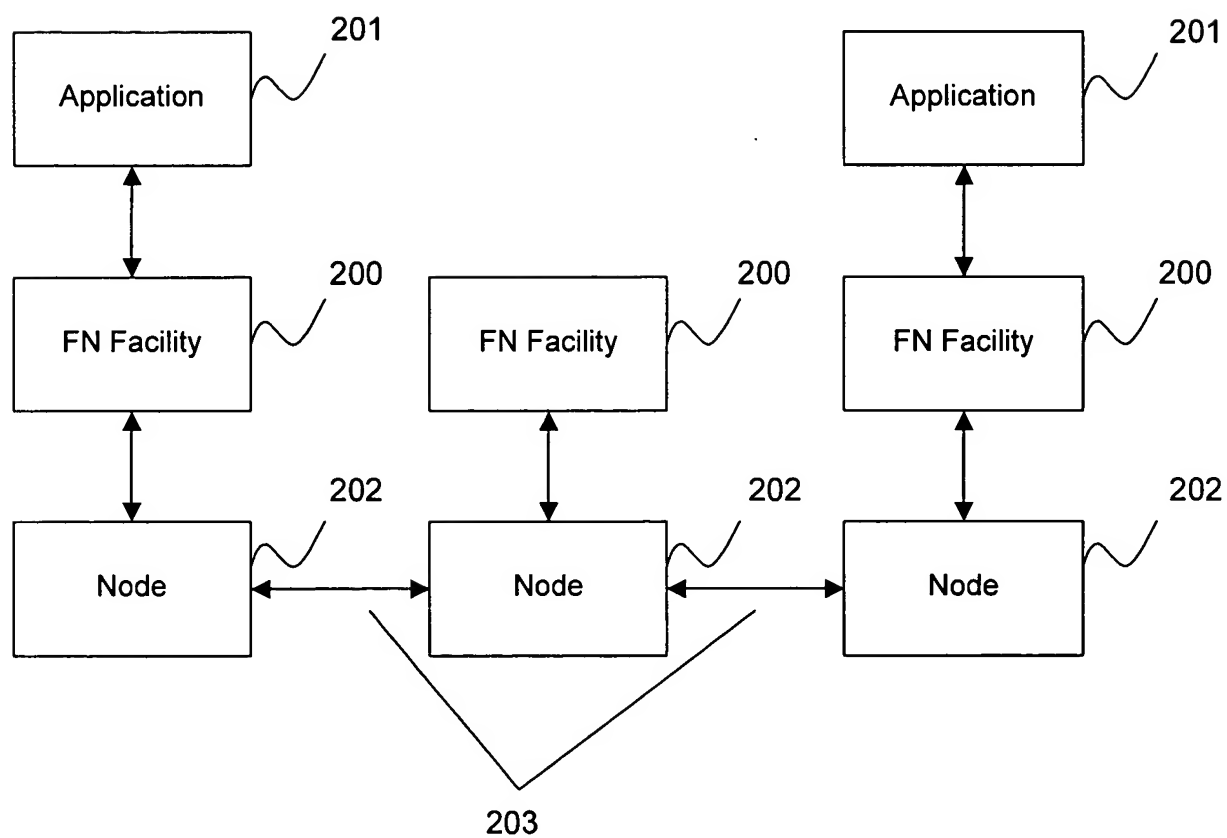
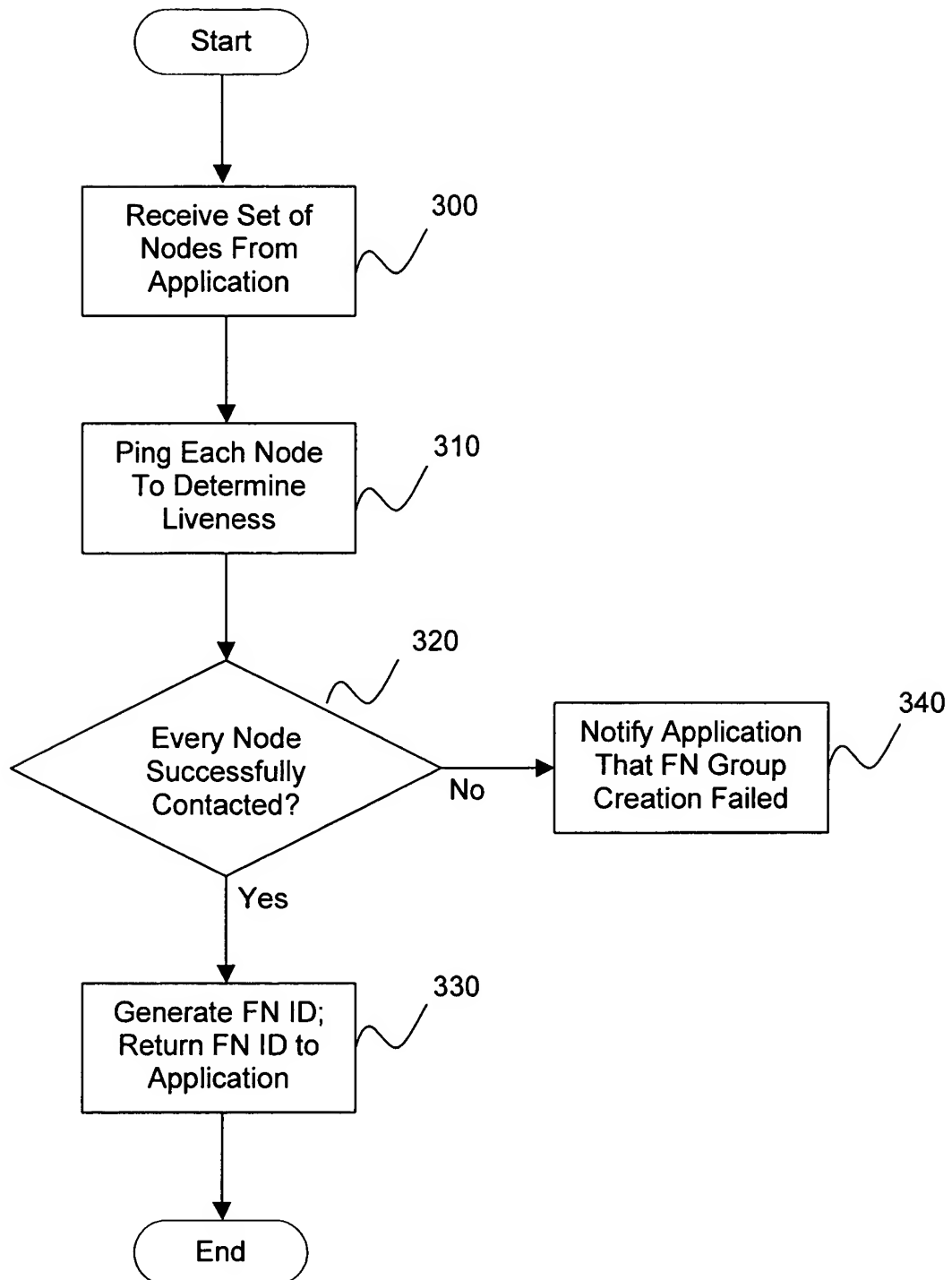


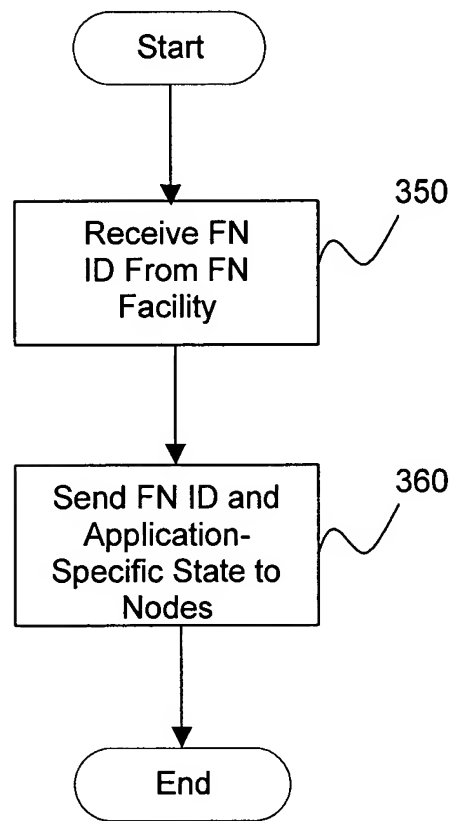
FIG. 1b



**FIG. 2**



**FIG. 3a**



**FIG. 3b**

```
// Creates an FN group containing the nodes in the set
FuseId CreateGroup(NodeId[] set)

// Registers a callback function to be invoked
// when a notification occurs for the FN group
void RegisterFailureHandler(Callback handler, FuseId id)

// Allows the application to explicitly cause
// transmission of a failure notification
void SignalFailure(FuseId id)
```

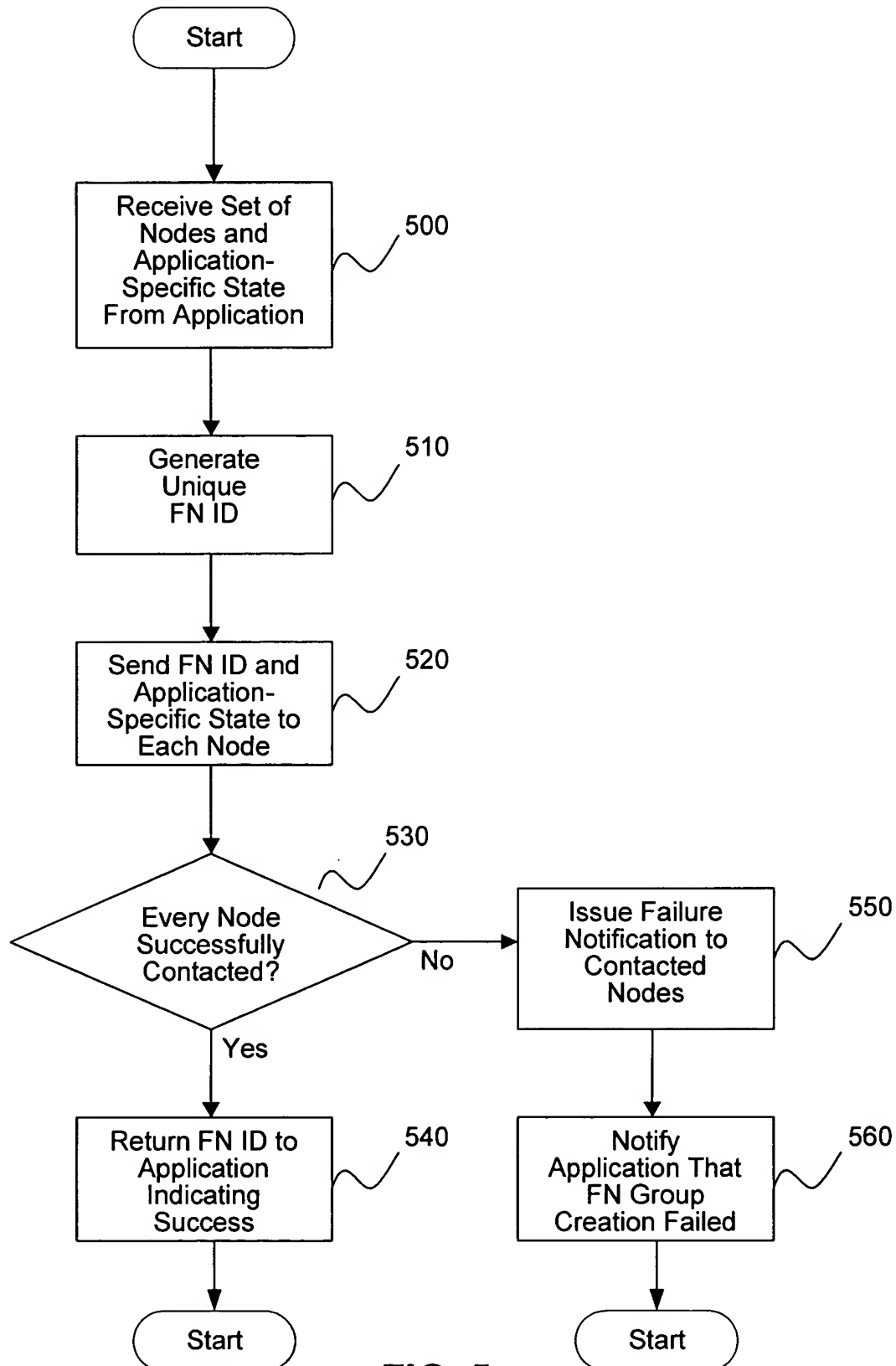
## FIG. 4a

```
// Creates an FN group containing the nodes in the
// set and directs the nodes in the set to associate
// the application-specific state with the FN group
FuseId CreateGroup(NodeId[] set, ApplicationState state)

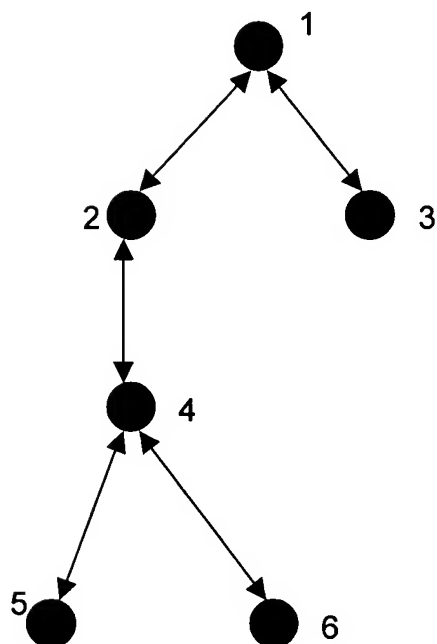
// Registers a callback function to be invoked
// when a notification occurs for the FN group
void RegisterFailureHandler(Callback handler, FuseId id)

// Allows the application to explicitly cause
// transmission of a failure notification
void SignalFailure(FuseId id)
```

## FIG. 4b

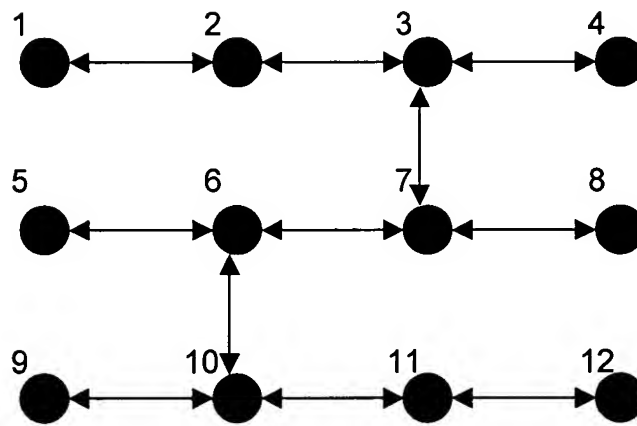


**FIG. 5**

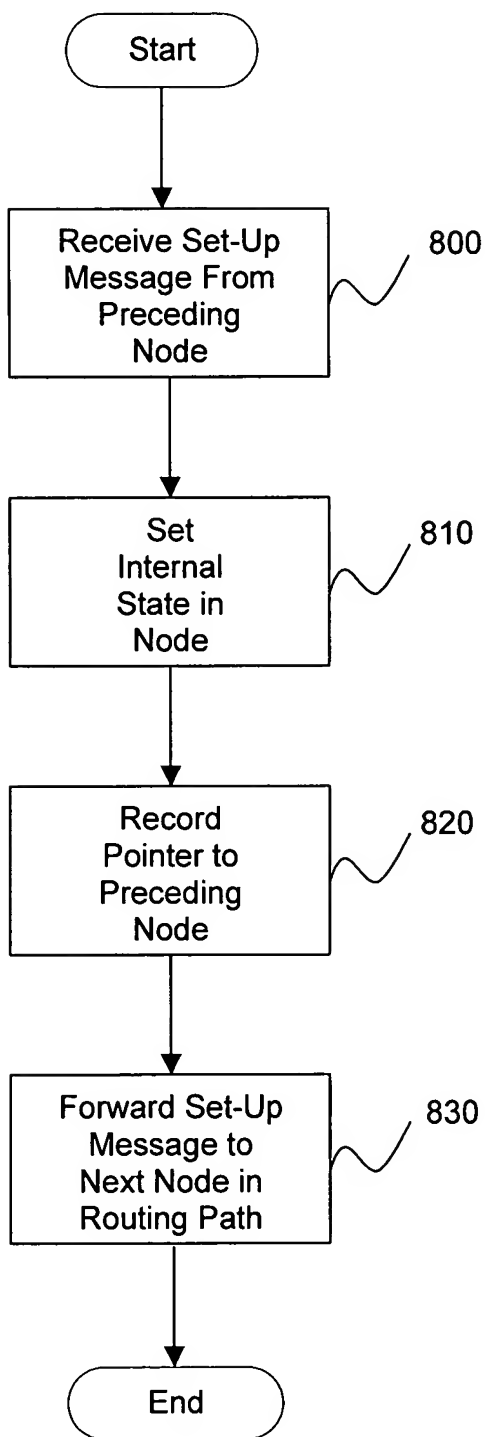


**FIG. 6**

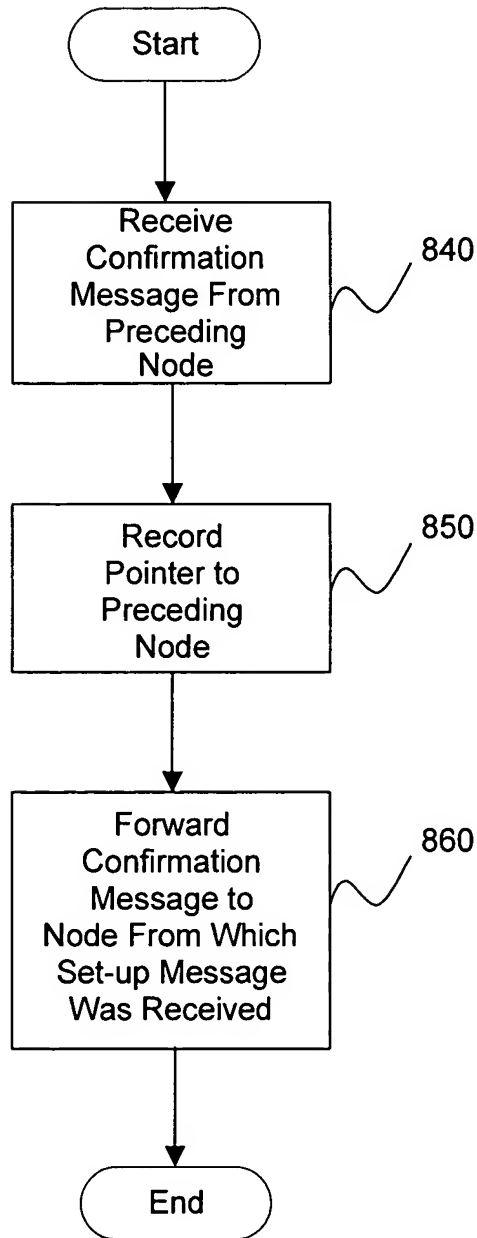




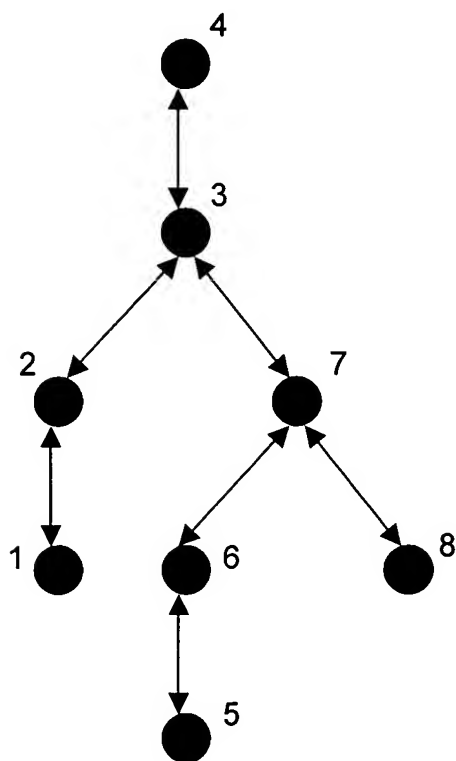
**FIG. 7**



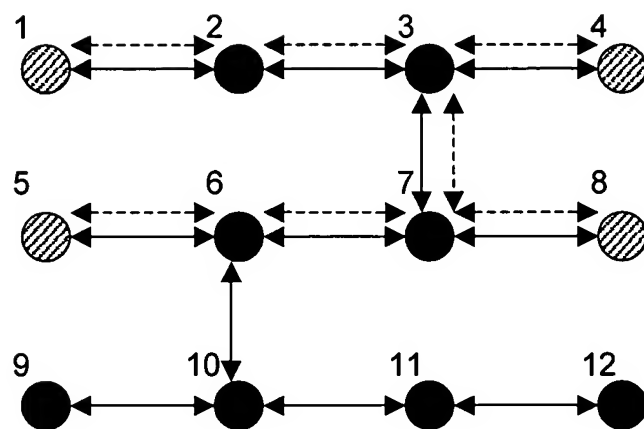
**FIG. 8a**



**FIG. 8b**



**FIG. 9**



**FIG. 10**

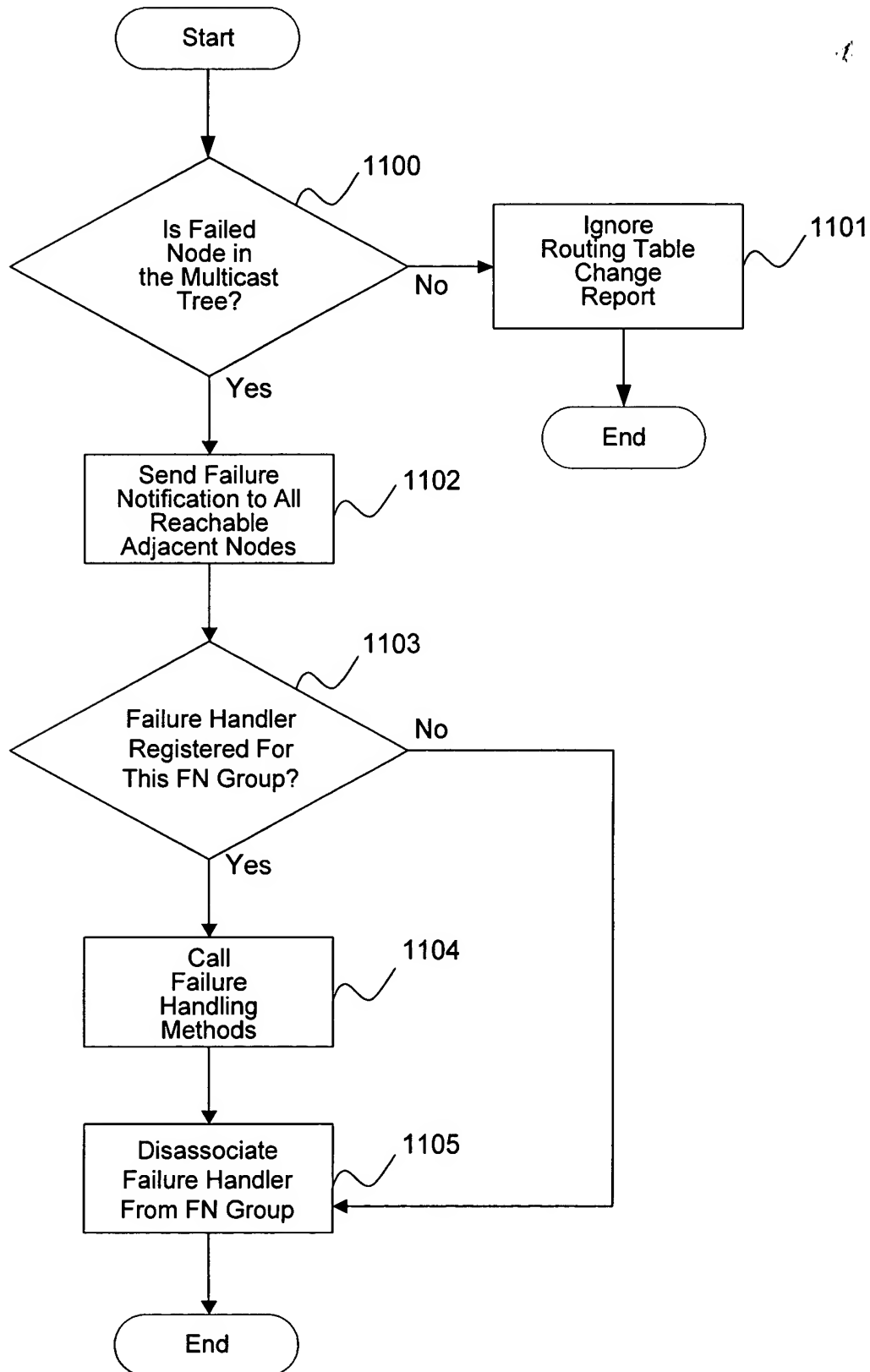


FIG. 11